IAP13 Rec'd PCT/PTO 20 OCT 2006



Docket No.: 10493.003.00-US

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

KUSUI, Jun et al.

Customer No.: 30827

Application No.: 10/556,527

Confirmation No.: 8872

Filed: November 14, 2005

Art Unit: TBA

For: ALUMINUM-BASED NEUTRON ABSORBER

Examiner: TBA

AND METHOD FOR PRODUCTION

THEREOF

MS Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

Dear Sir:

In response to the Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) mailed October 4, 2006, Applicants respectfully submits:

- Copy of Notification of Missing Requirements Under 35 U.S.C. 371 In The
 United States Designated/Elected Office (DO/EO/US);
- Declaration and Power of Attorney;
- Assignment Recordation Cover Sheet/Assignment of Application/Assignment
 Recordation Filing Fee; and
- Surcharge; Check in the amount of \$130.00

10/25/2006 GFREY1

00000124 10556527

130.00 OP

01 FC:1617

DC:50439759.1

Application No.: 10/556,527 Docket No.: 10493.003.00-US

Response dated October 20, 2006

Response to Notice of Missing Requirements dated October 4, 2006

In light of the foregoing, this application is deemed to be in proper condition for examination and such favorable action is earnestly solicited.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: October 20, 2006

Respectfully submitted,

Mark R. Kresloff

Registration No.: 42,766 McKenna Long & Aldridge LLP

1900 K Street N.W.

Washington, D.C. 20006 Voice: 202-496-7500

Fax: 202-496-7756 Attorneys for Applicant

PTO/SB/17 (12-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control

Effective on 12/08/2004 Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Complete if Known		
	Application Number	10/556,527	
FEE TRANSMITTAL	Filing Date	November 14, 2005	
FOR FY 2005	First Named Inventor	KUSUI, Jun	
FOR F1 2005	Examiner Name	TBA	
☐ Applicant claims small entity status. See 37 CFR 1.27	Art Unit	ТВА	
TOTAL AMOUNT OF PAYMENT (\$)170.00	Attorney Docket No.	10493.003.00-US	

METHOD OF PAYMENT (check all that apply)									
	posit Account	■ Deposit A	Money Order		☐ Other (please☐ Deposit Accour	nt Name:			
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1. BASIC	FILING, SEAF	RCH, AND EXA	MINATION FEI	ES					
		FILING	FEES Small Entity	SEARC	H FEES Small Entity		TION FEES Small Entity		
Applic	ation Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee	es Paid (\$)
Utility		300	150	500	250	200	100		
Design	1	200	100	100	50	130	65		
Plant		200	100	300	150	160	80		
Reissu	ie	300	150	500	250	600	300		
Provisi	onal	200	100	0	0	0	0		
2. EXCESS CLAIM FEESSmall EntityFee DescriptionFee (\$)Fee (\$)Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent5025Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent200100Multiple dependent claims360180									
Total Clai		Extra Claims	Fee (\$)		aid (\$)		<u>ple Depende</u>		
	_	claims paid for, if	`	_ =		<u>Fe</u>	<u>e (\$)</u>	Fee Paid (\$	1
Indep. Cla	nims 3 or HP =	Extra Claims	Fee (\$)	_ =	aid (\$)				•
HP = highest number of independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE									
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional									
	Sheets E	n thereof. See 3 Extra Sheets / 50 :	Number of ea	ch additional 5	CFR 1.16(s). O or fraction thereo a whole number)	•) =	Fee Paid (\$)	
	4. OTHER FEE(S) Other: Assignment Recordation Filing Fee 40.00)			
	Other: Assignment Recordation Filing Fee 40.00 Other: Late Oath/Declaration Surcharge 130.00								

SUBMITTED BY			
Signature	Hard K. Knol off	Registration No. (Attorney/Agent)	Telephone (202) 496-7500
Name (Print/Type)	Mark R. Kresloff	42,766	Date October 20, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



United States Patent and Trademark Office

PRIORITY DATE

05/13/2003

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P. Dev. 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

I.A. FILING DATE

05/13/2004

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/556,527 Jun Kusui 10493.003.00 INTERNATIONAL APPLICATION NO. PCT/JP04/06438

30827 MCKENNA LONG & ALDRIDGE LLP 1900 K STREET, NW WASHINGTON, DC 20006

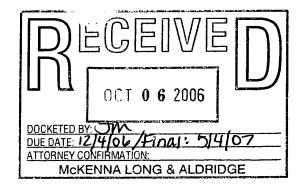
CONFIRMATION NO. 8872 371 FORMALITIES LETTER *OC000000020682158*

Date Mailed: 10/04/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 11/14/2005
- Copy of the International Search Report filed on 11/14/2005
- Preliminary Amendments filed on 11/14/2005
- Information Disclosure Statements filed on 11/14/2005
- U.S. Basic National Fees filed on 11/14/2005
- Priority Documents filed on 11/14/2005
- Specification filed on 11/14/2005
- Claims filed on 11/14/2005
- Abstracts filed on 11/14/2005
- Drawings filed on 11/14/2005



The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/556,527	PCT/JP04/06438	10493.003.00

FORM PCT/DO/EO/905 (371 Formalities Notice)